

FIG.1

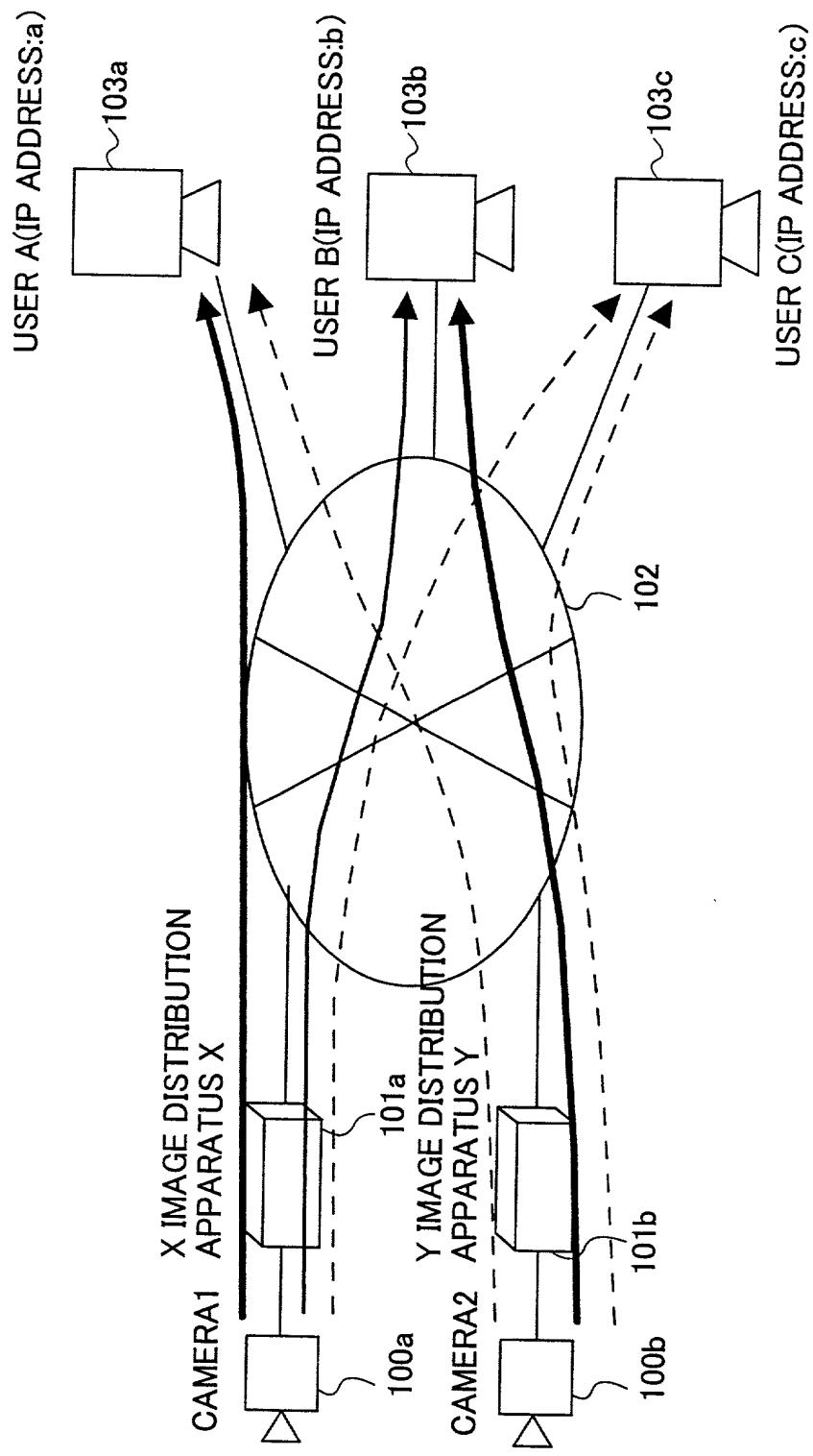


FIG.2

		TRANSMISSION DESTINATION		
		USER A	USER B	USER C
		IP ADDRESS:a	IP ADDRESS:b	IP ADDRESS:c
IMAGE DISTRIBUTION APPARATUS X	IP ADDRESS	1MBPS (HIGH QUALITY)	768KBPS (MEDIUM QUALITY)	384KBPS (LOW QUALITY)
	URL	CAMERA#1		
IMAGE DISTRIBUTION APPARATUS Y	IP ADDRESS	384KBPS (LOW QUALITY)	1MBPS (HIGH QUALITY)	384KBPS (LOW QUALITY)
	URL	CAMERA#2		
TRANSMISSION SOURCE				

1

FIG.3

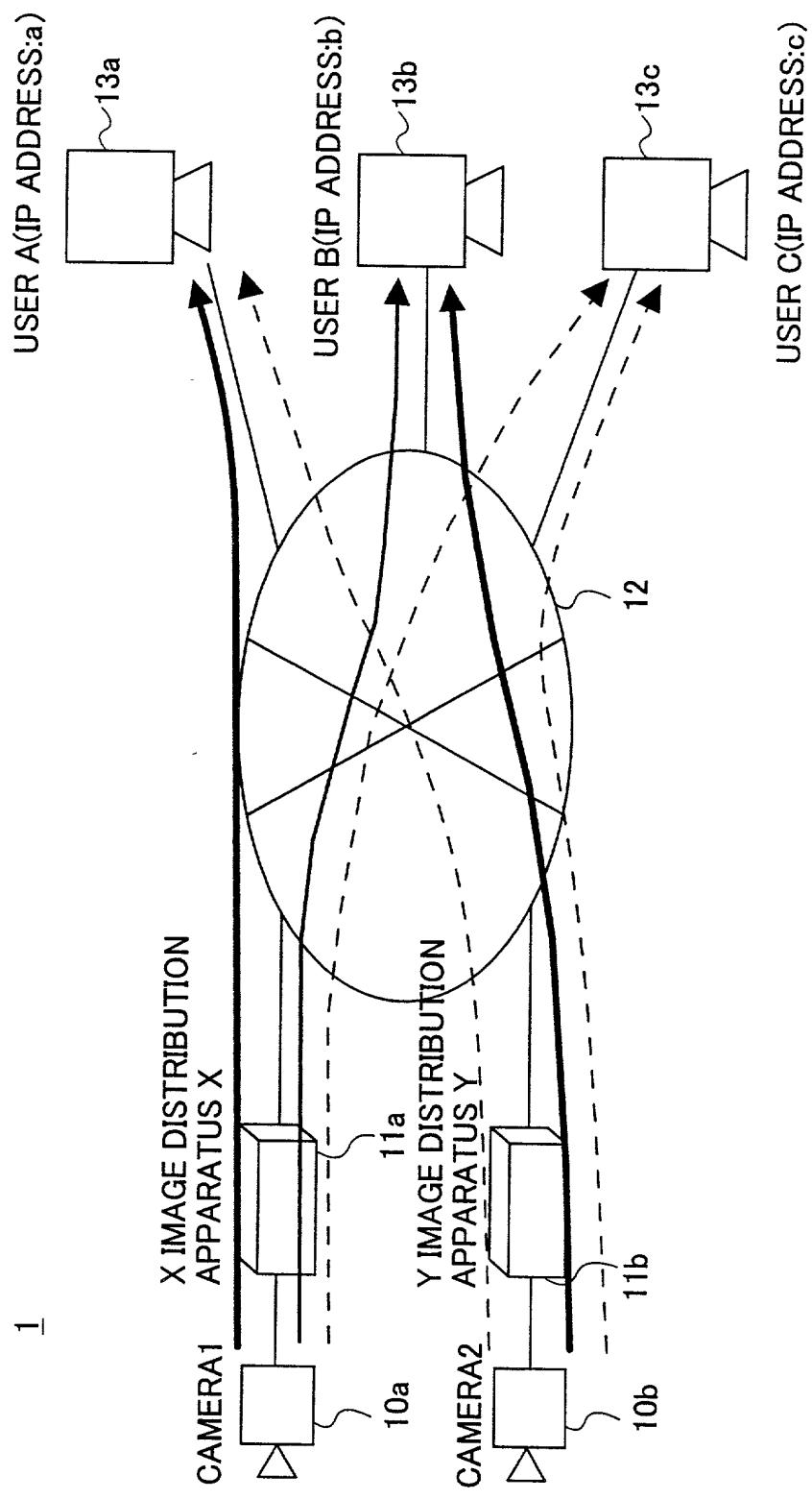


FIG.4

		TRANSMISSION DESTINATION		
		USER A	USER B	USER C
		IP ADDRESS:a	IP ADDRESS:b	IP ADDRESS:c
IMAGE DISTRIBUTION APPARATUS X	IP ADDRESS	15 FRAMES	8 FRAMES	1 FRAME
	URL	CAMERA#1		
IMAGE DISTRIBUTION APPARATUS Y	IP ADDRESS	1 FRAME	15 FRAMES	1 FRAME
	URL	CAMERA#2		
TRANSMISSION SOURCE				

FIG.5

```
HTTP/1.0 200 OK
Server: Web Cam
Content-Type: image/jpeg
Accept-Ranges: bytes
Pragma: no-cache
Last-Modified: Mon Jul 05 09:21:50 2000
Content-Length: 1527
```

FIG.6

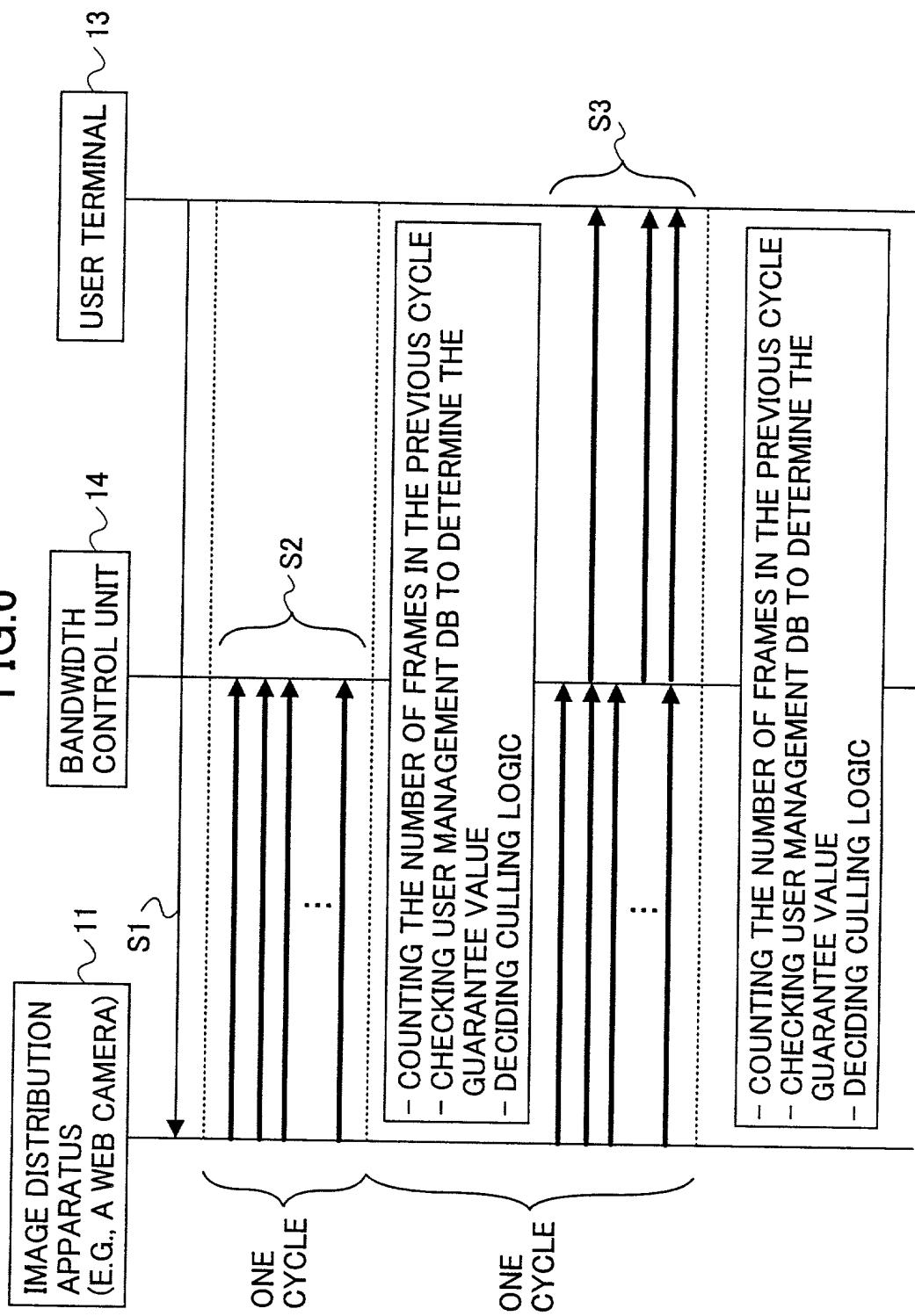


FIG. 7

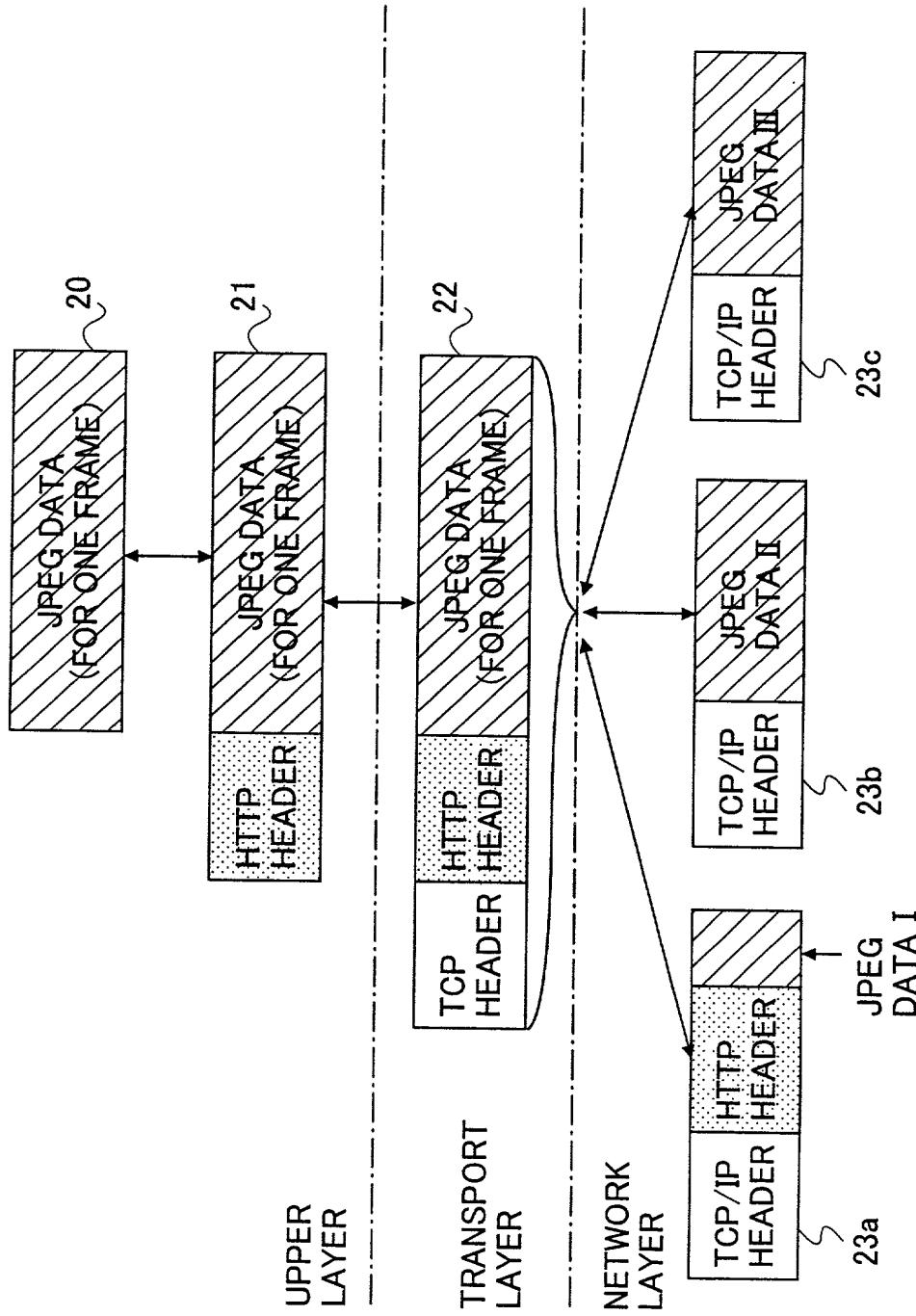


FIG.8

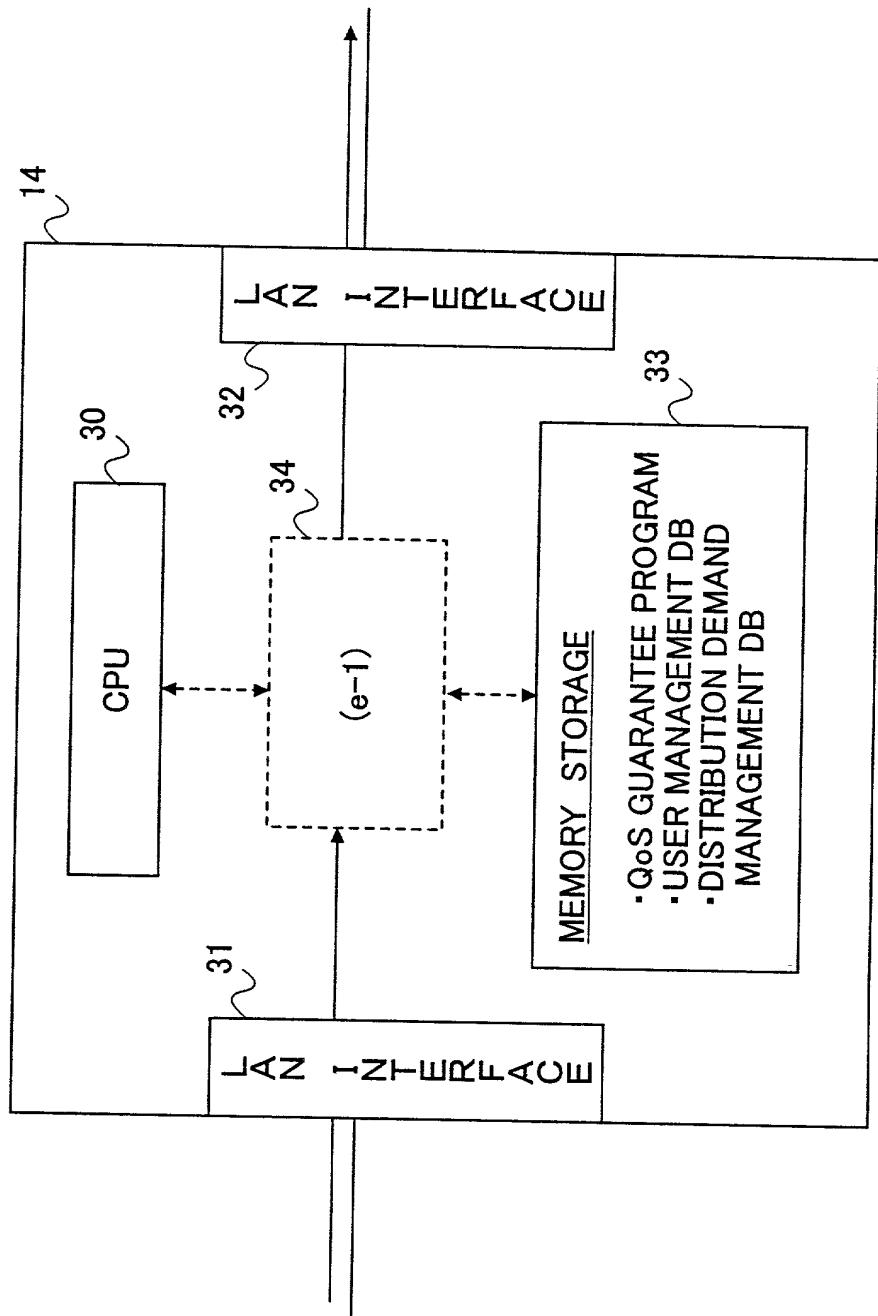


FIG.9

		TRANSMISSION DESTINATION		
		USER A	USER B	...
		IP ADDRESS:a	IP ADDRESS:b	...
IMAGE DISTRIBUTION APPARATUS X	IP ADDRESS	NUMBER OF GUARANTEED FRAMES	NUMBER OF GUARANTEED FRAMES	NUMBER OF GUARANTEED FRAMES
	URL	CAMERA#1
IMAGE DISTRIBUTION APPARATUS Y	IP ADDRESS	NUMBER OF GUARANTEED FRAMES	NUMBER OF GUARANTEED FRAMES	NUMBER OF GUARANTEED FRAMES
	URL	CAMERA#2
TRANSMISSION SOURCE				

FIG.10

NO	ITEM	VALUE
1	IP ADDRESS OF DEMANDING USER	
2	IP ADDRESS OF DEMANDED IMAGE DISTRIBUTION APPARATUS	
3	NUMBER OF GUARANTEED FRAMES	
4	NUMBER OF THE MOST RECENTLY RECEIVED FRAMES	

FIG.11

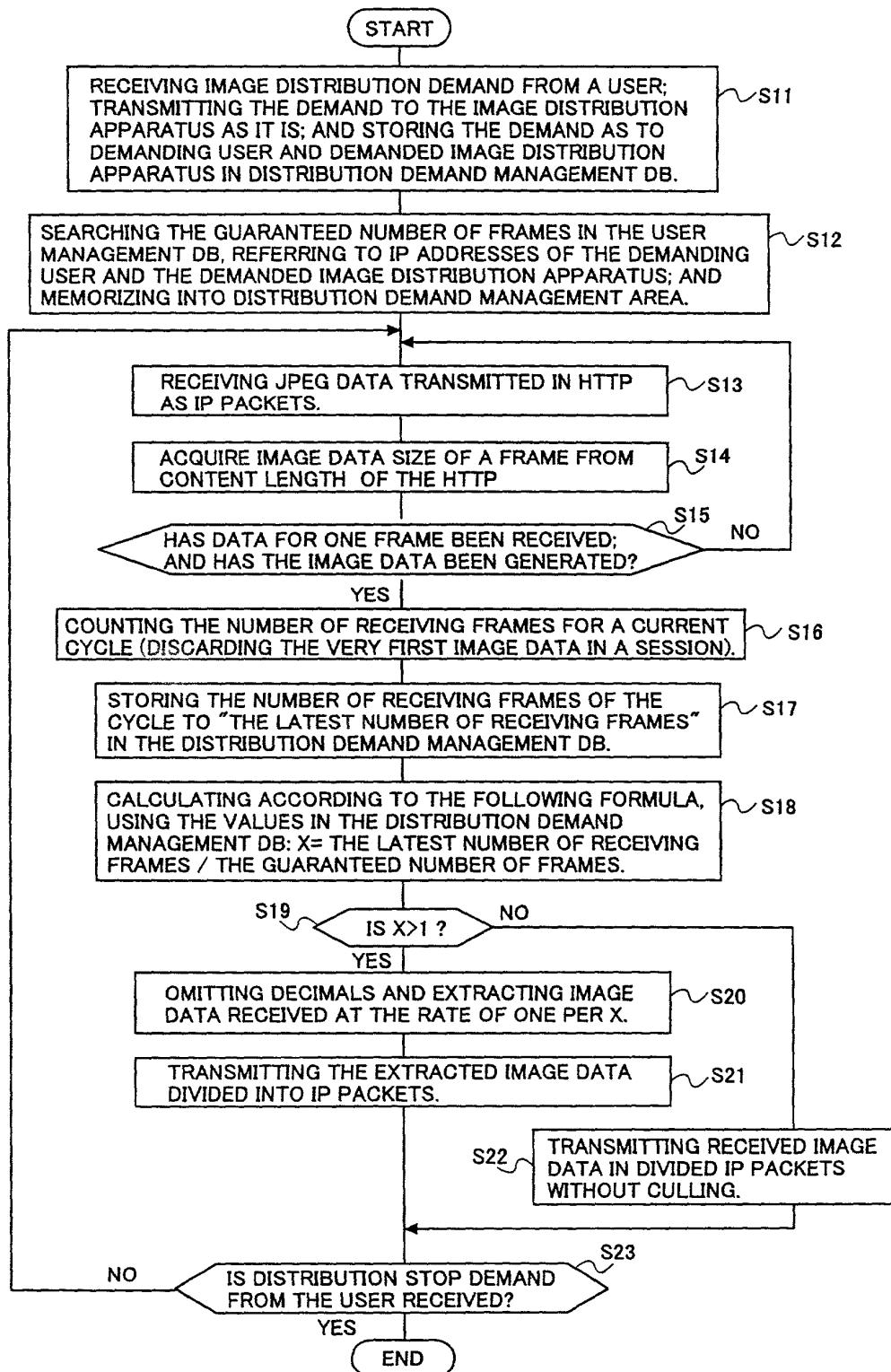


FIG. 12

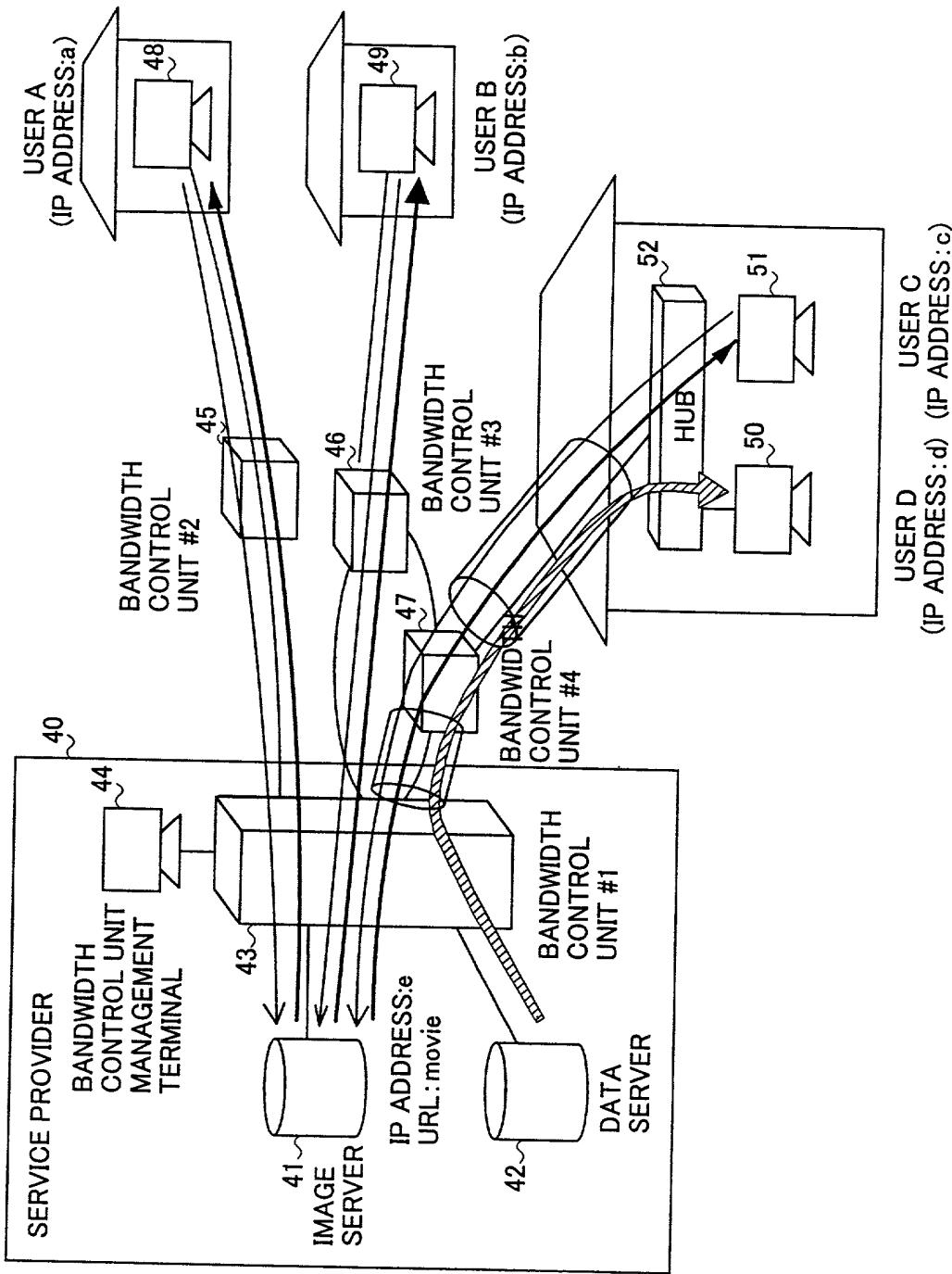


FIG. 13

(a)

NUMBER OF GUARANTEED FRAMES		TRANSMISSION DESTINATION			
		USER A IP ADDRESS :a	USER B IP ADDRESS :b	USER C IP ADDRESS :c	USER D IP ADDRESS :d
TRANSMISSION SOURCE	IMAGE SERVER	10 FRAMES			1 FRAME
	IP ADDRESS E				
	URL MOVIE				

(b)

NUMBER OF GUARANTEED FRAMES		TRANSMISSION DESTINATION			
		USER B IP ADDRESS :b	USER C IP ADDRESS :c	USER D IP ADDRESS :d	OTHER USERS
TRANSMISSION SOURCE	IMAGE SERVER	5 FRAMES	10 FRAMES		1 FRAME
	IP ADDRESS E				
	URL MOVIE				